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Fig. 1 PRIOR ART

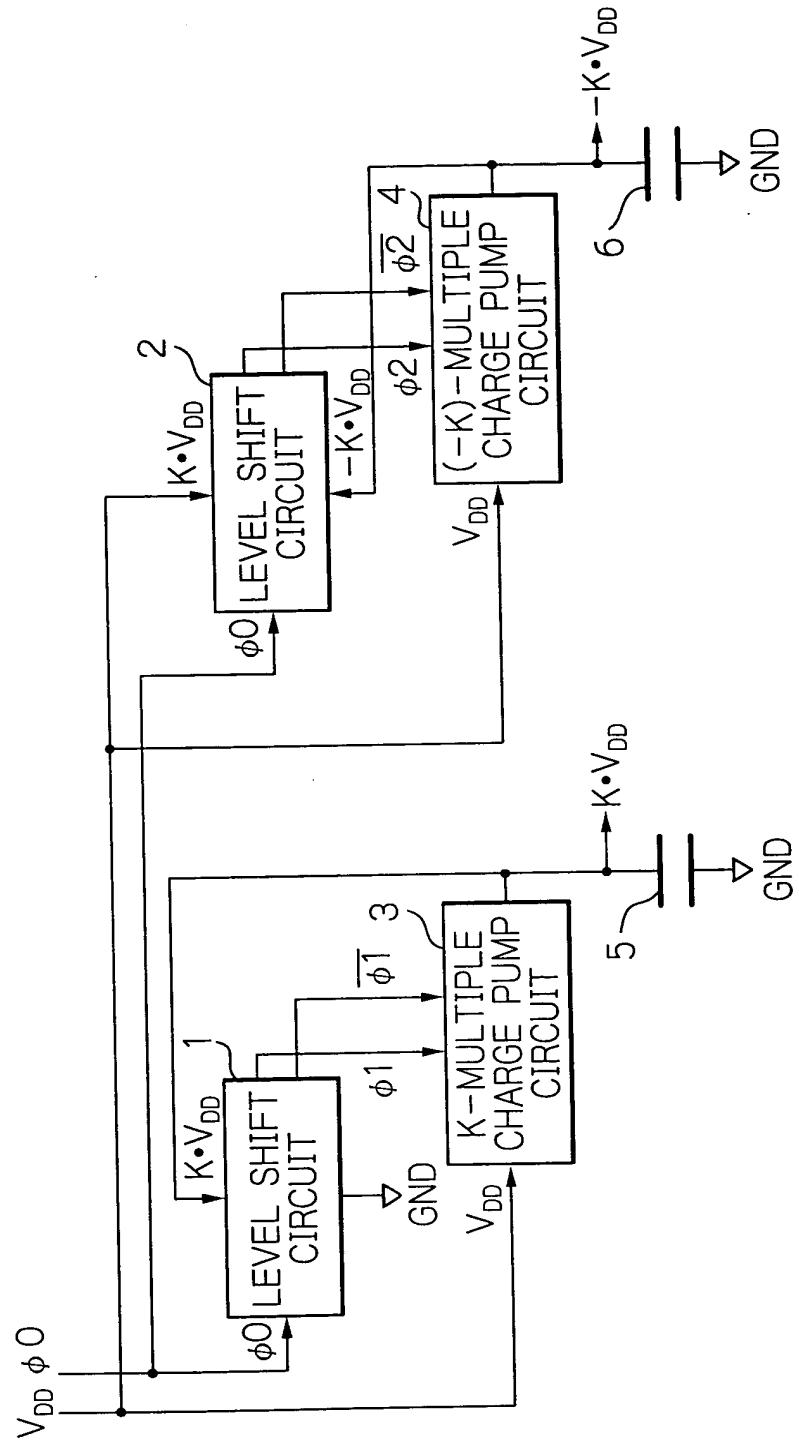


Fig. 2A

PRIOR ART

Fig. 2B

PRIOR ART

Fig. 2C

PRIOR ART

Fig. 2D

PRIOR ART

Fig. 2E

PRIOR ART

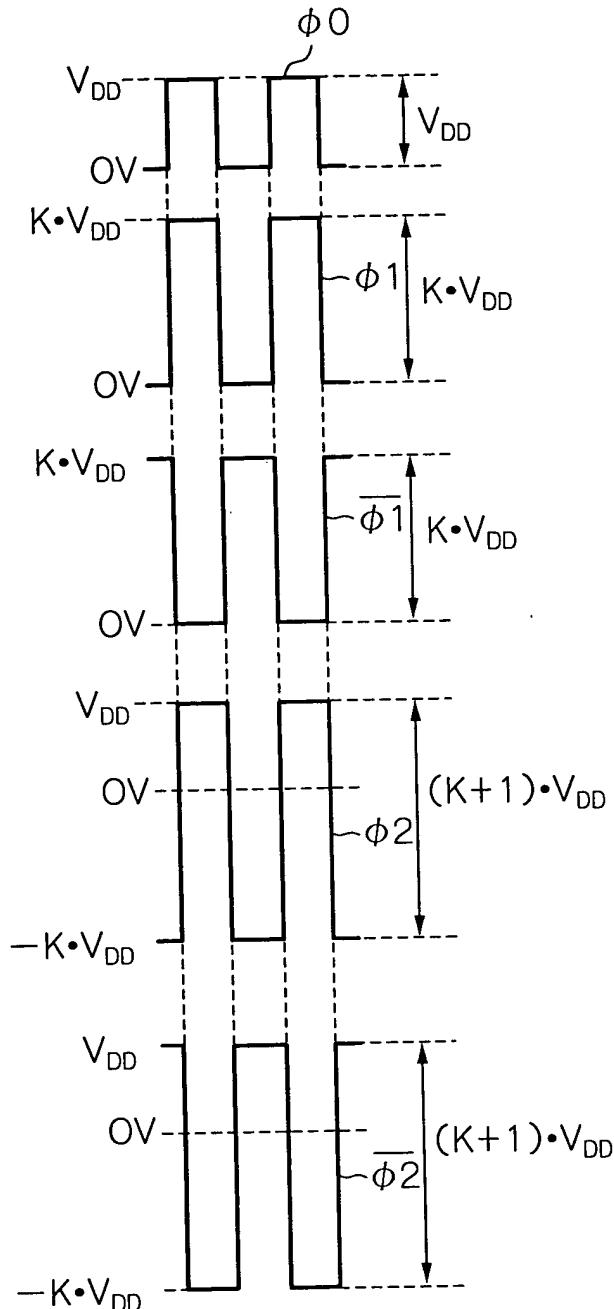


Fig. 3 PRIOR ART

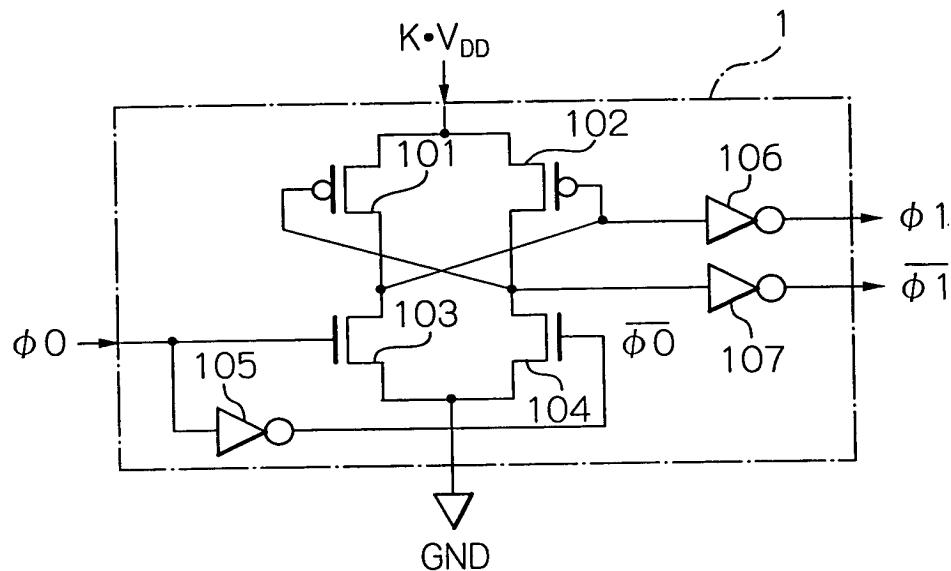
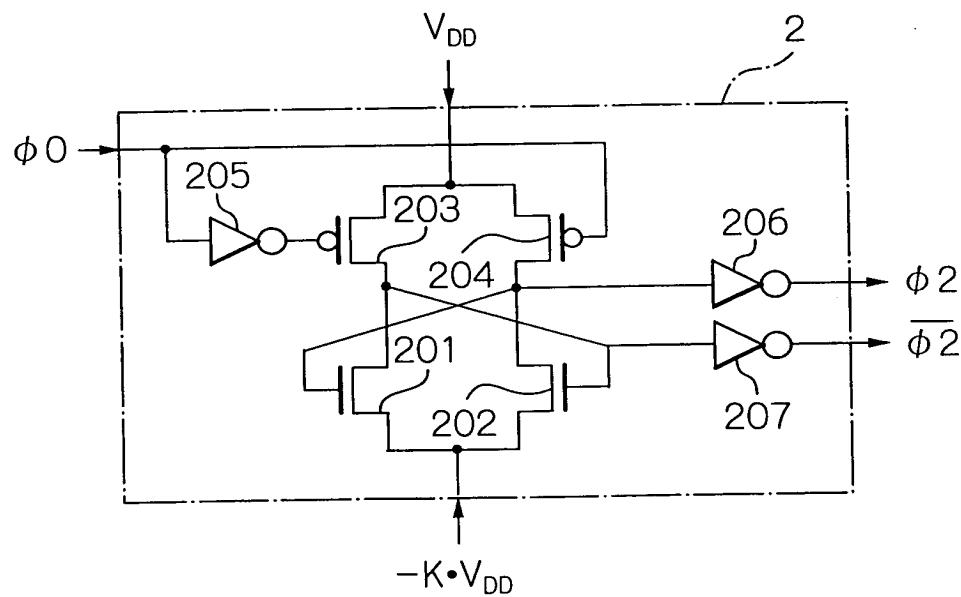
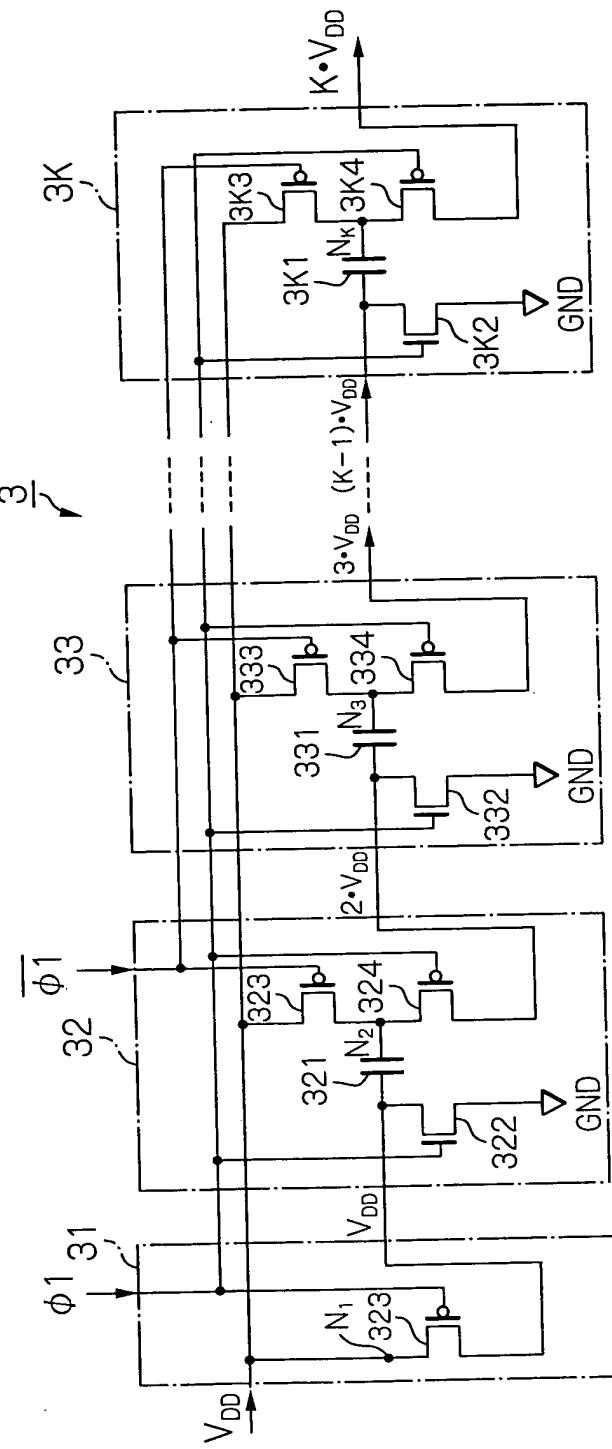


Fig. 4 PRIOR ART



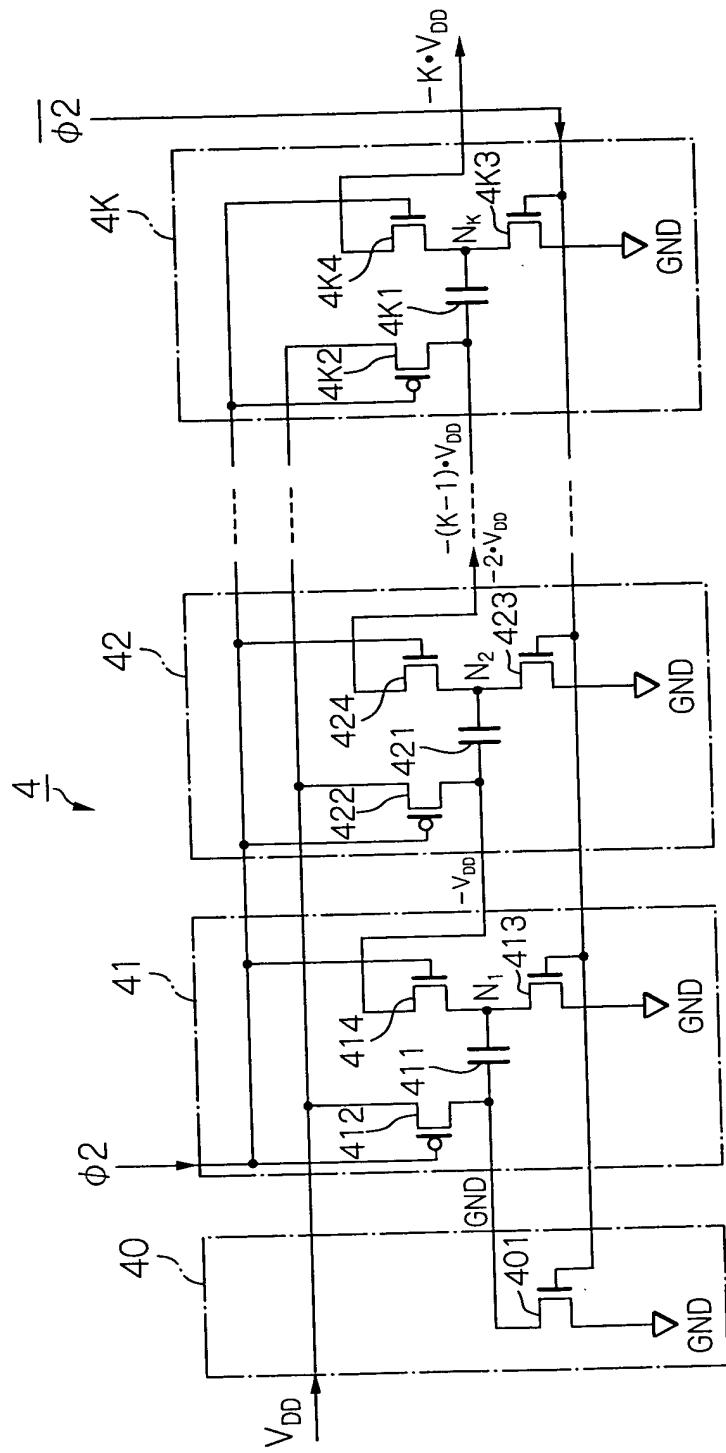
4
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Fig. 5 PRIOR ART



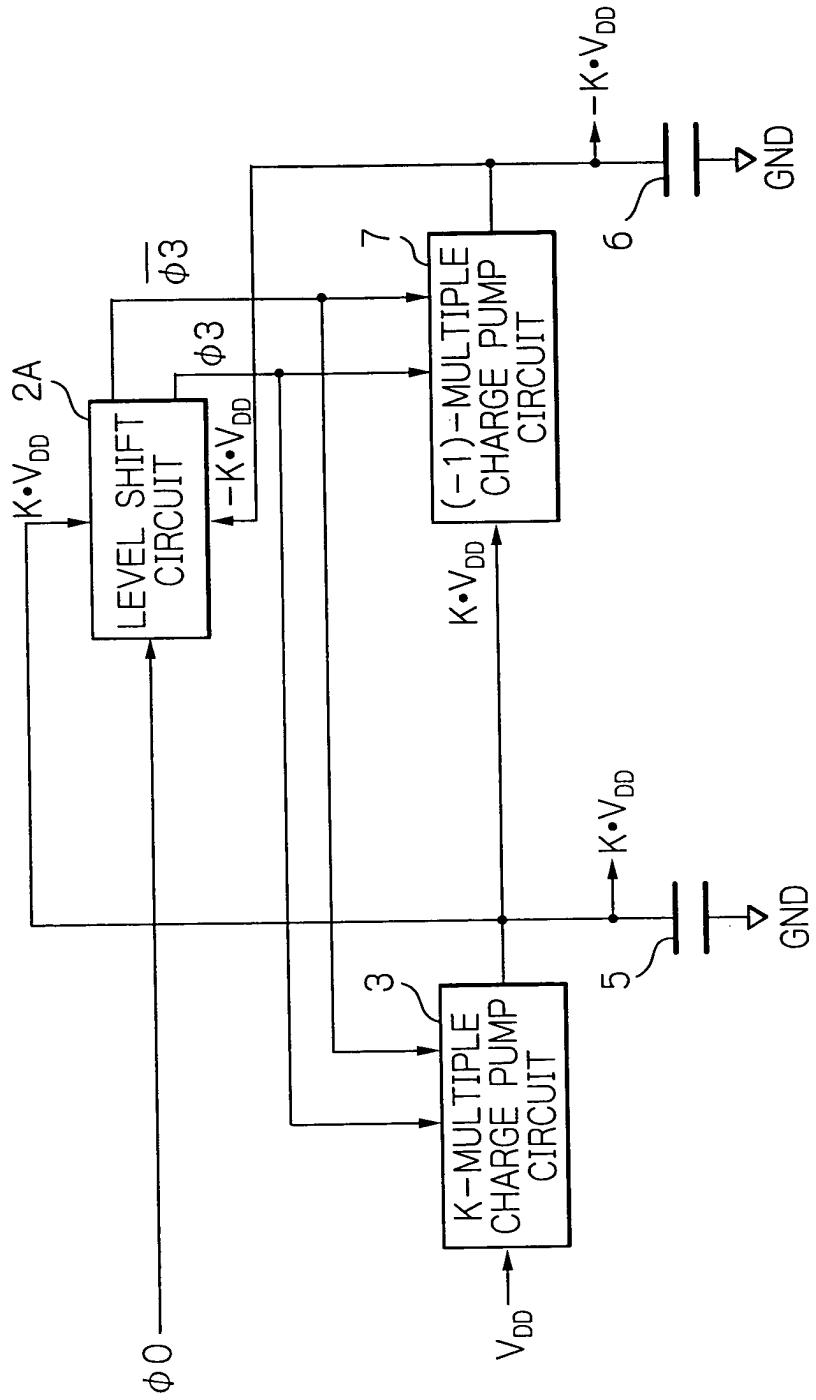
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Fig. 6 PRIOR ART



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Fig. 7 PRIOR ART



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Fig. 8A

PRIOR ART

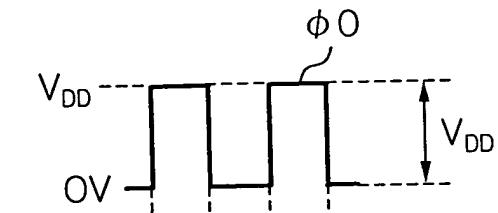


Fig. 8B

PRIOR ART

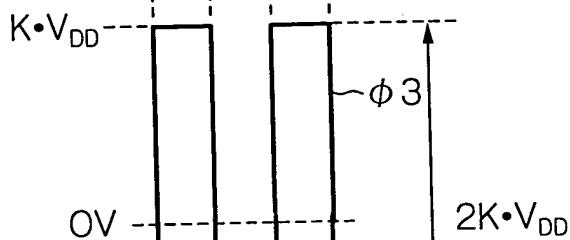
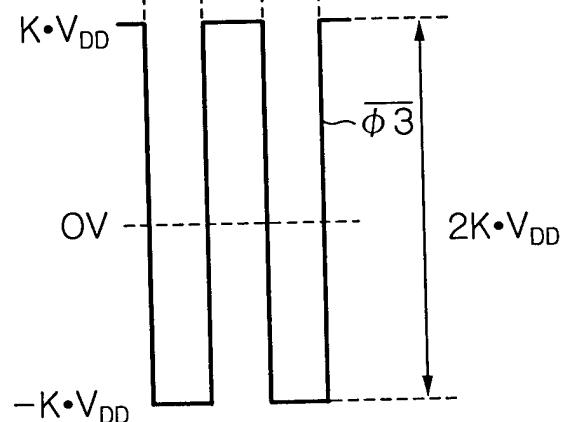


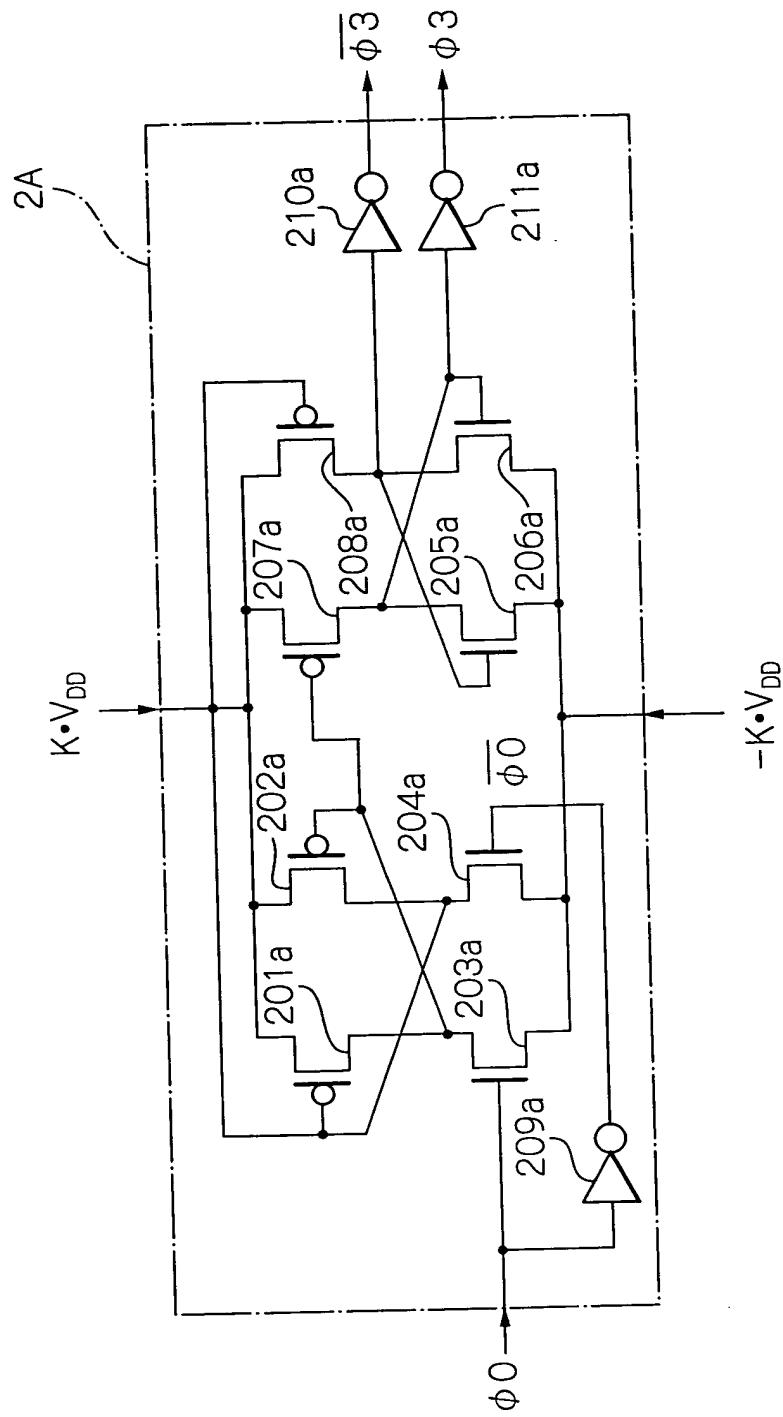
Fig. 8C

PRIOR ART



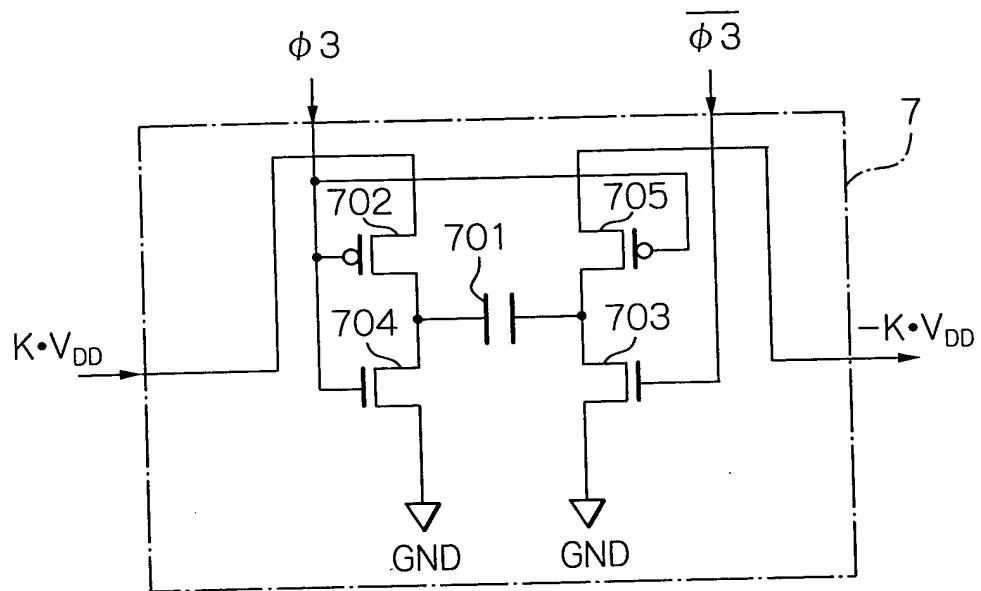
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Fig. 9 PRIOR ART



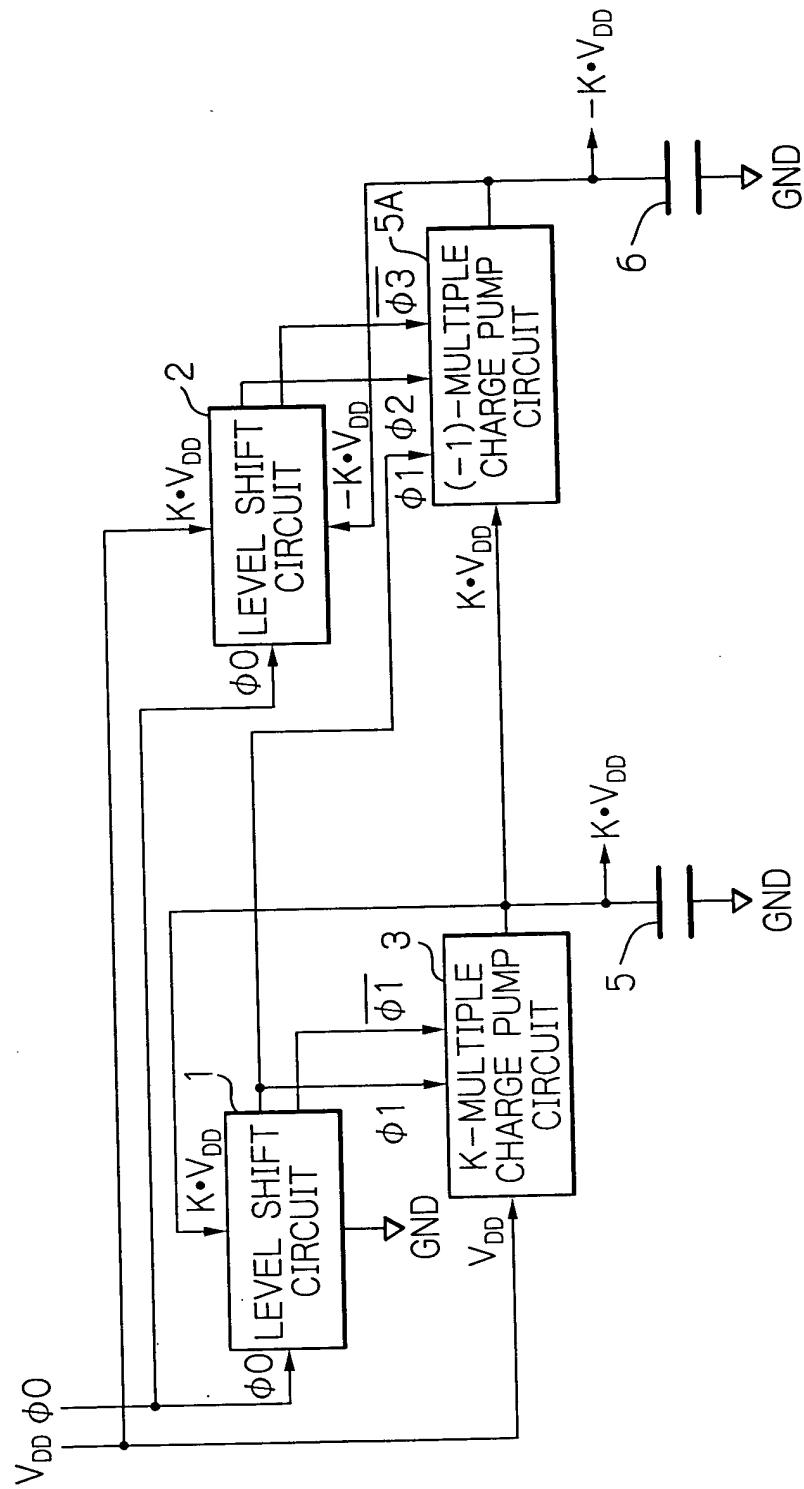
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Fig. 10 PRIOR ART



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Fig. 11



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Fig. 12A

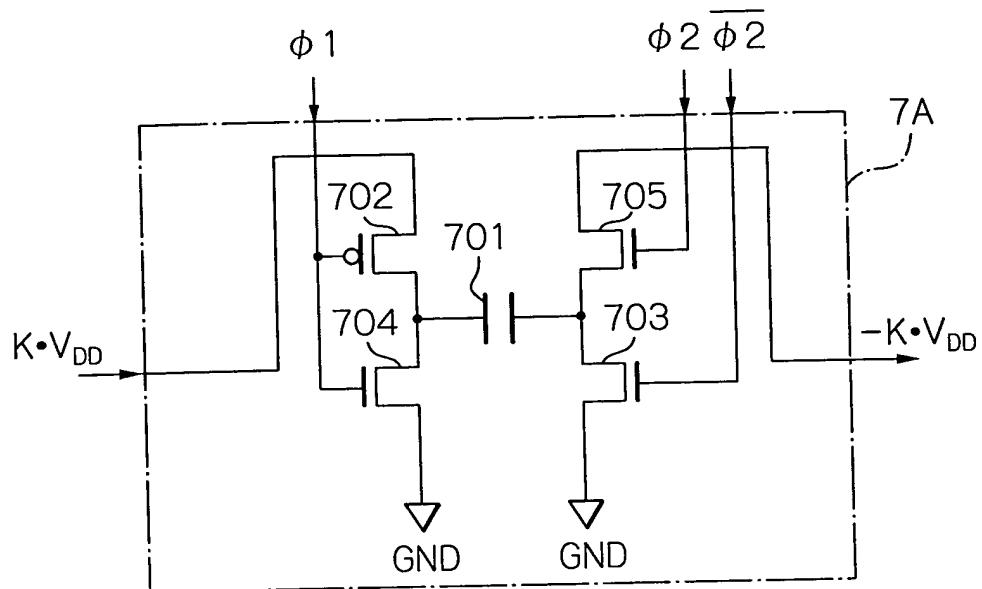
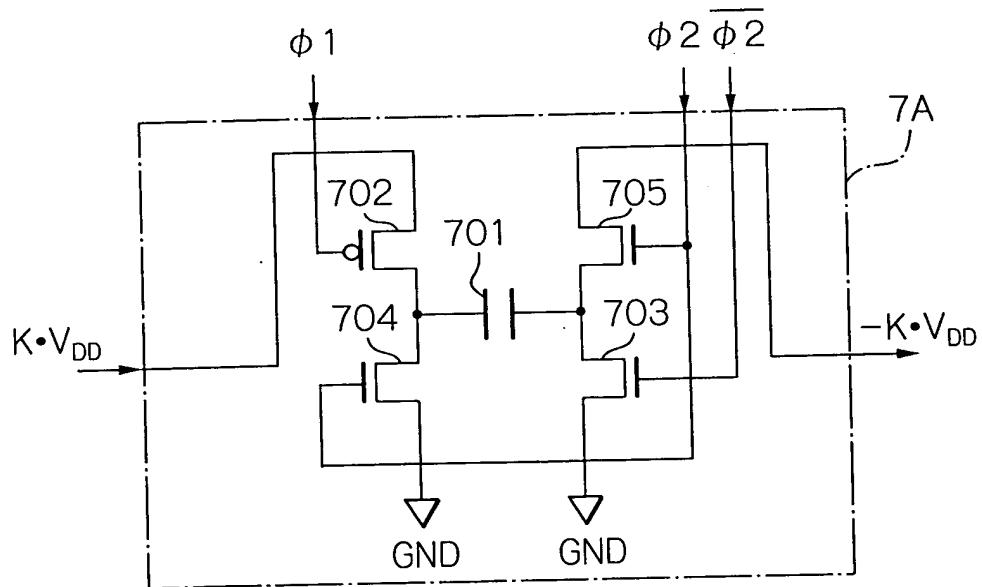


Fig. 12B



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Fig. 13

TRANSISTOR	ON GATE VOLTAGE	OFF GATE VOLTAGE
702	$<K \cdot V_{DD} - V_{DD} $	$>K \cdot V_{DD}$
703	$>V_{tn}$	$<-K \cdot V_{DD}$
704	$>V_{tn}$	$<0V$
705	$>V_{tn} - K \cdot V_{DD}$	$<-K \cdot V_{DD}$

V_{tp} : THRESHOLD VOLTAGE OF P-CHANNEL MOS
($-V_{DD} < V_{tp} < 0V$)

V_{tn} : THRESHOLD VOLTAGE OF N-CHANNEL MOS
($0 < V_{tn} < V_{DD}$)

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Fig. 14

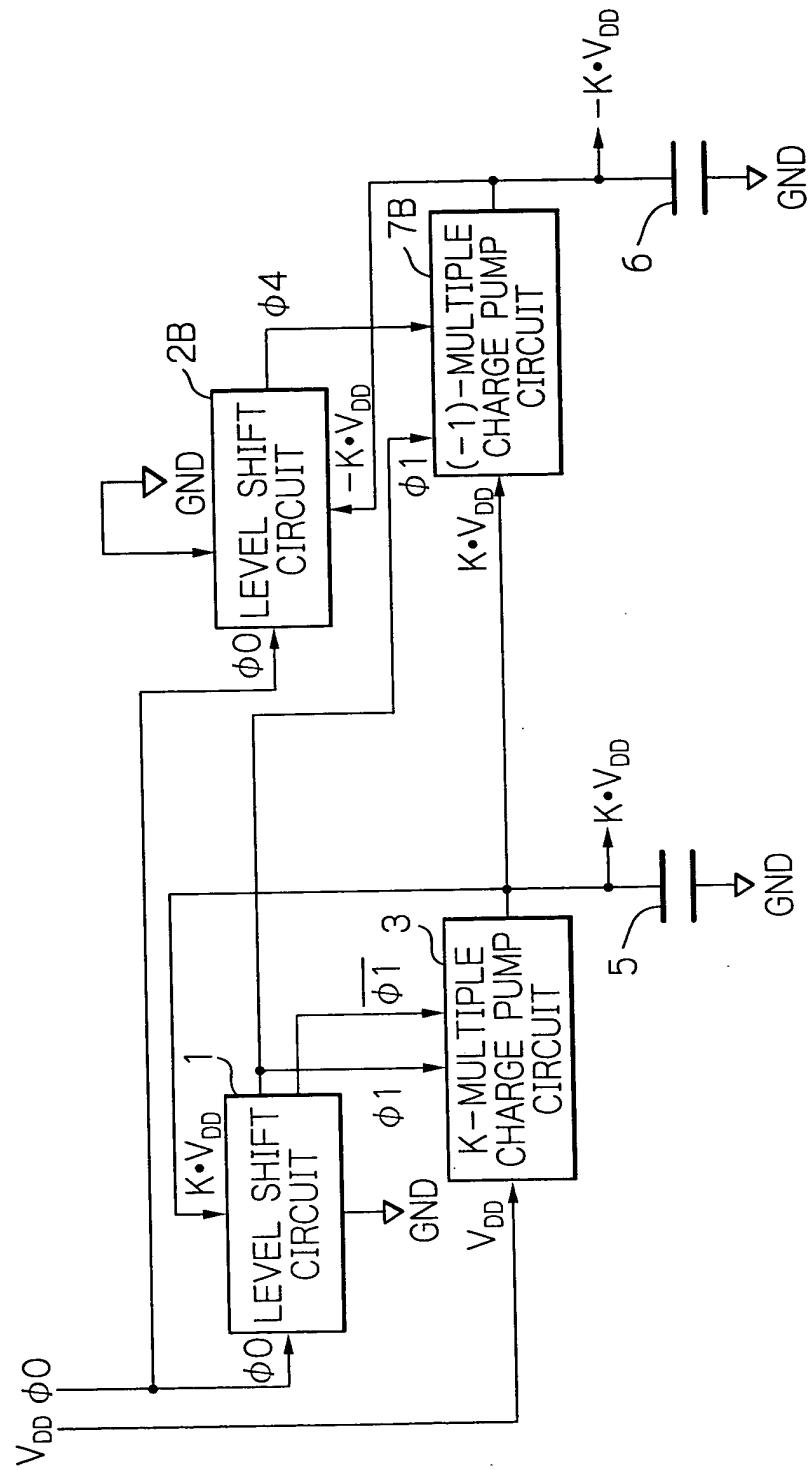


Fig. 15A

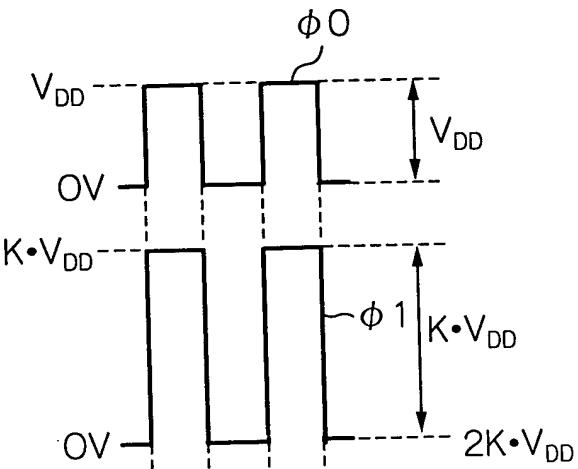


Fig. 15B

Fig. 15C

Fig. 15D

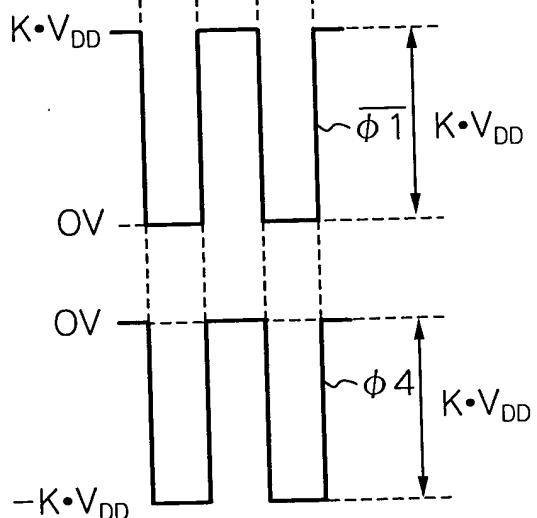


Fig. 16

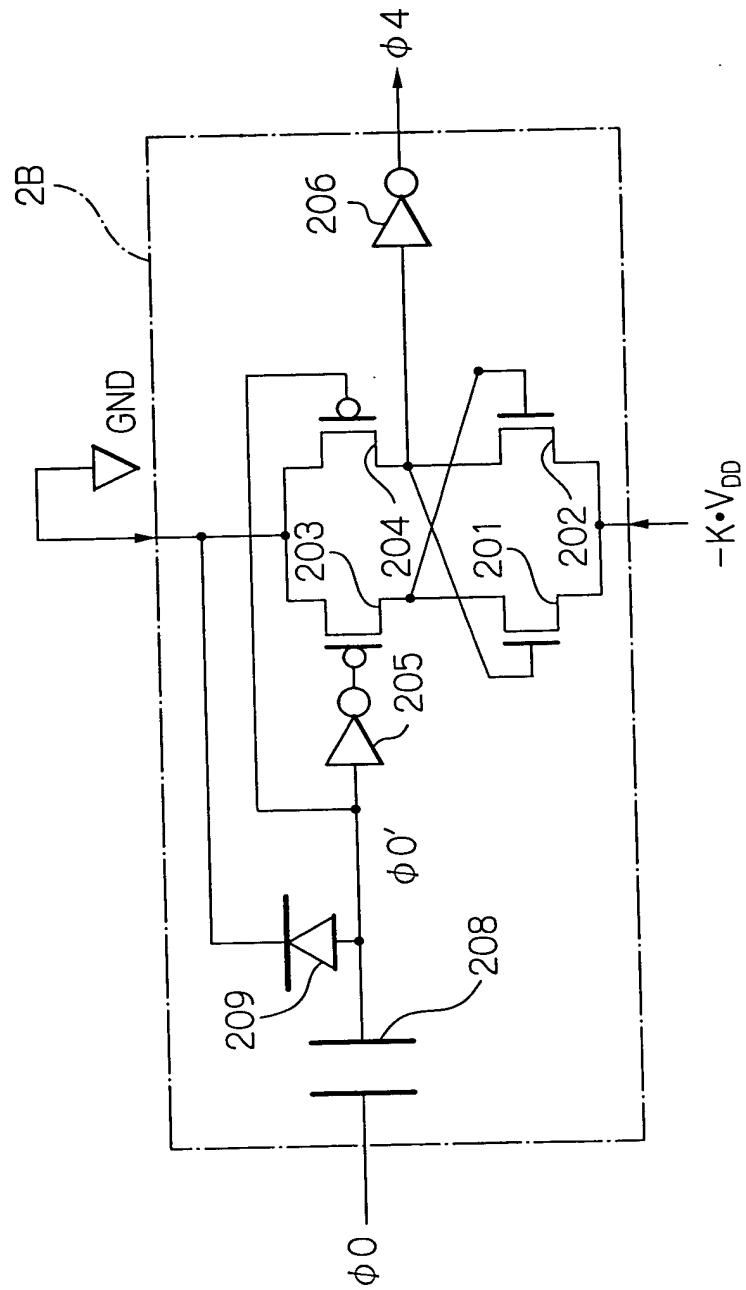


Fig. 17

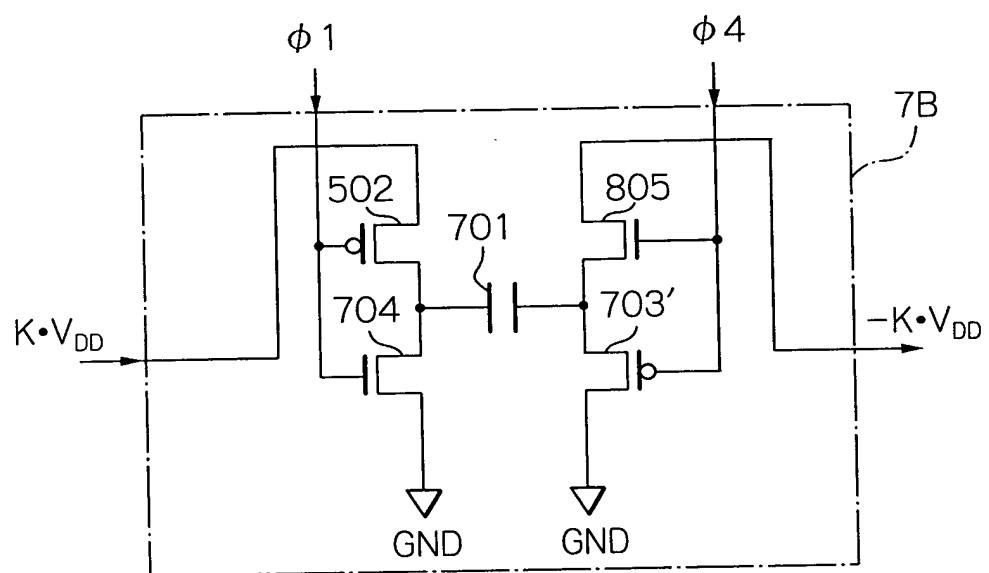


Fig. 18

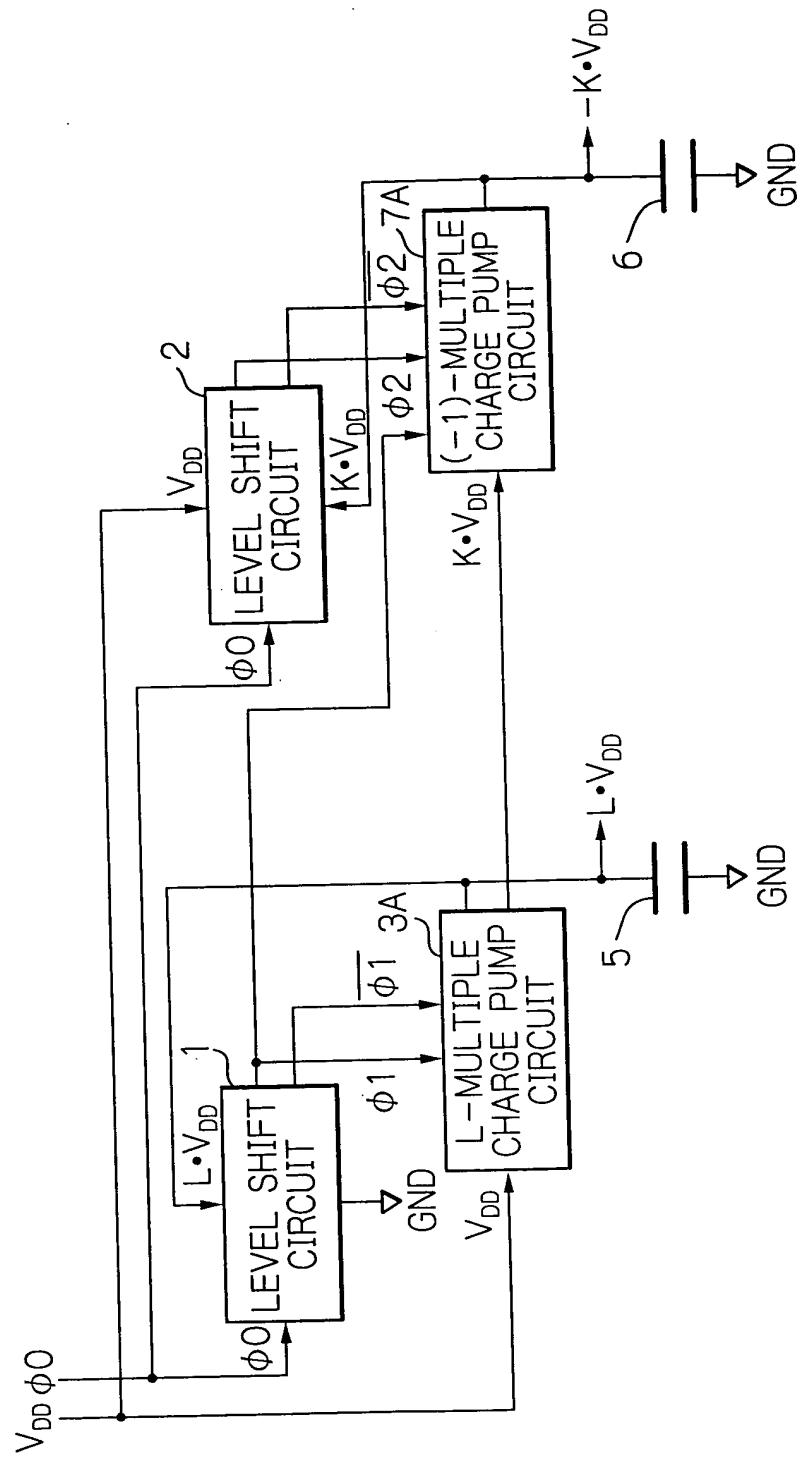
TRANSISTOR	ON GATE VOLTAGE	OFF GATE VOLTAGE
702	$< K \cdot V_{DD} - V_{tp} $	$> K \cdot V_{DD}$
703	$< - V_{tp} $	$> 0V$
704	$> V_{tn}$	$< 0V$
705	$> V_{tn} - K \cdot V_{DD}$	$< -K \cdot V_{DD}$

V_{tp} : THRESHOLD VOLTAGE OF P-CHANNEL MOS
 $(-V_{DD} < V_{tp} < 0V)$

V_{tn} : THRESHOLD VOLTAGE OF N-CHANNEL MOS
 $(0 < V_{tn} < V_{DD})$

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Fig. 19



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Fig. 20

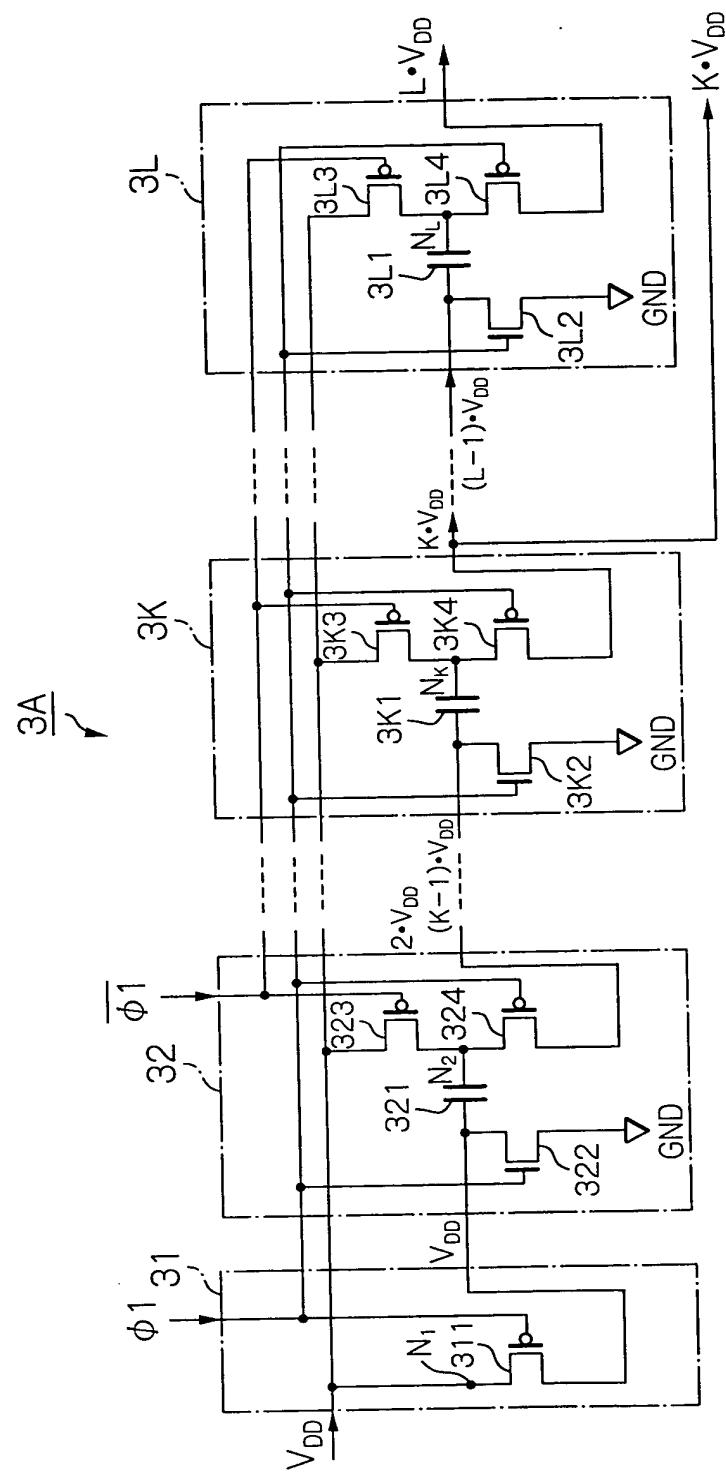


Fig. 21

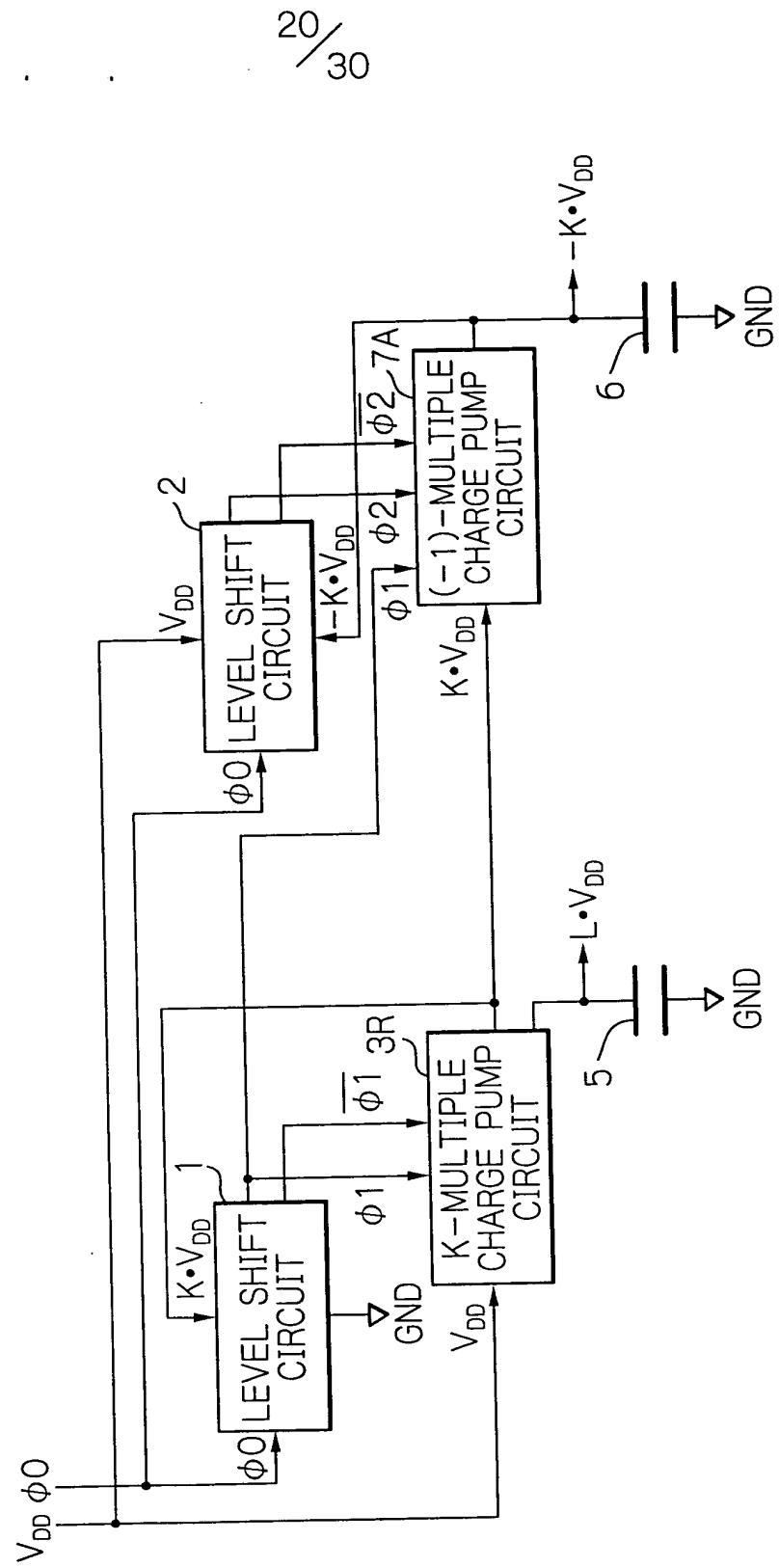


Fig. 22

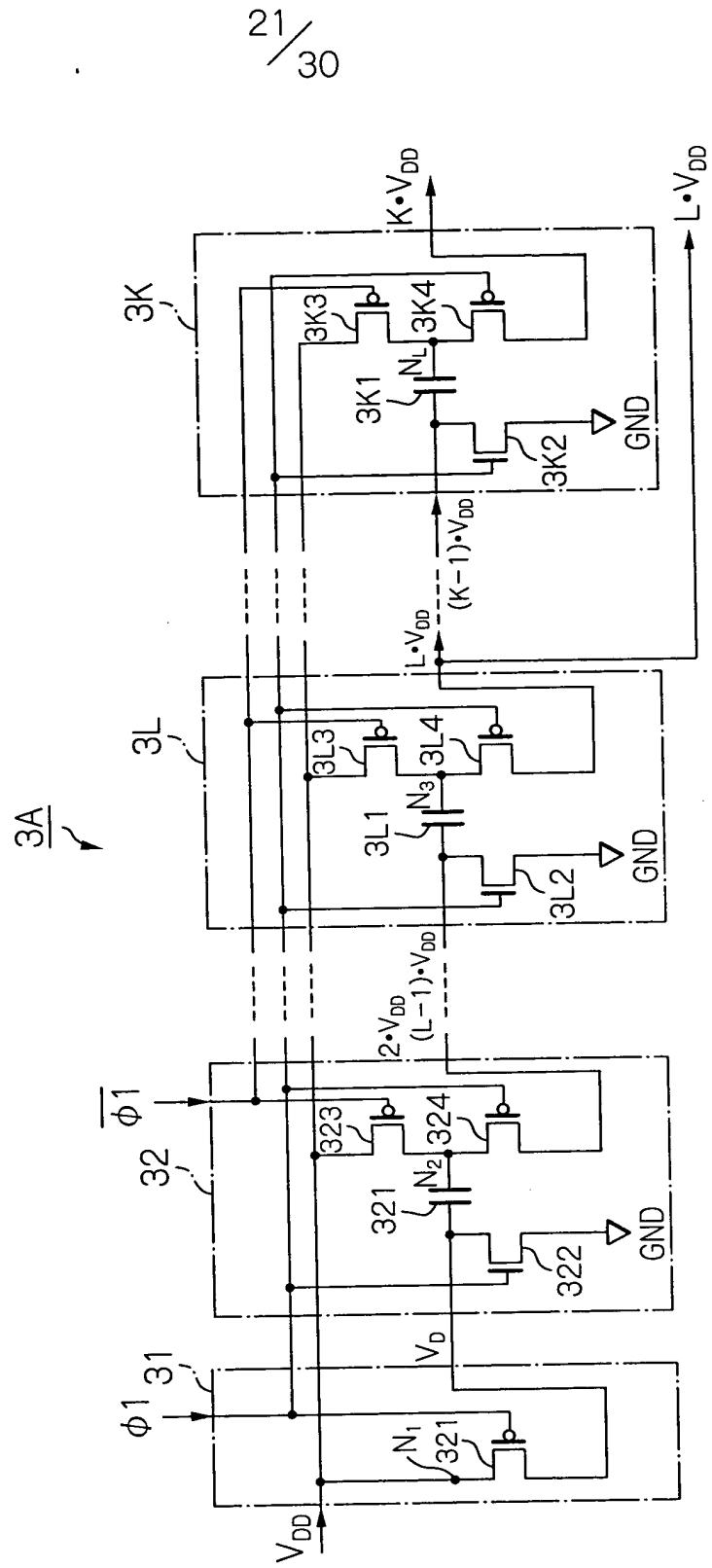
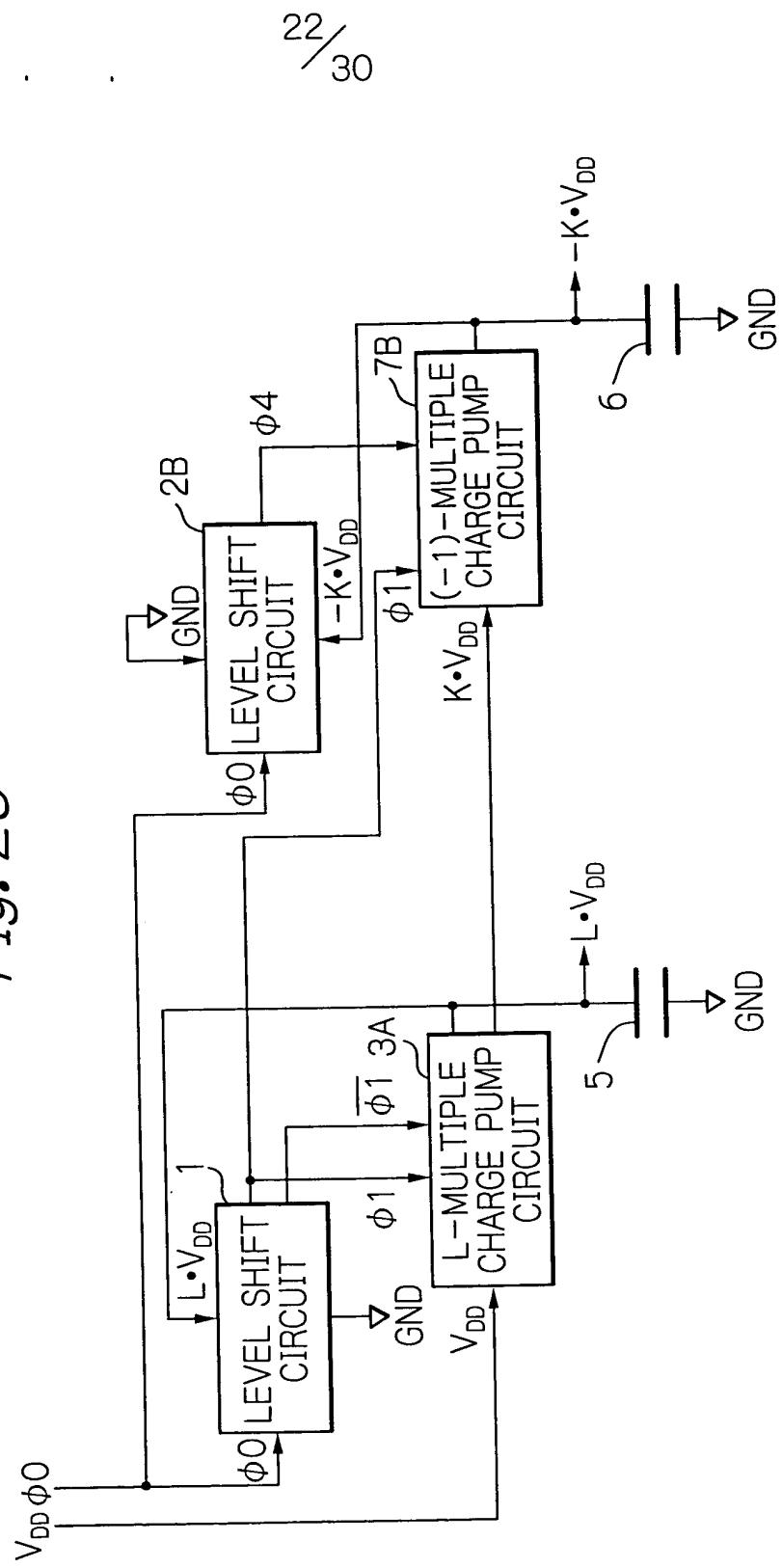
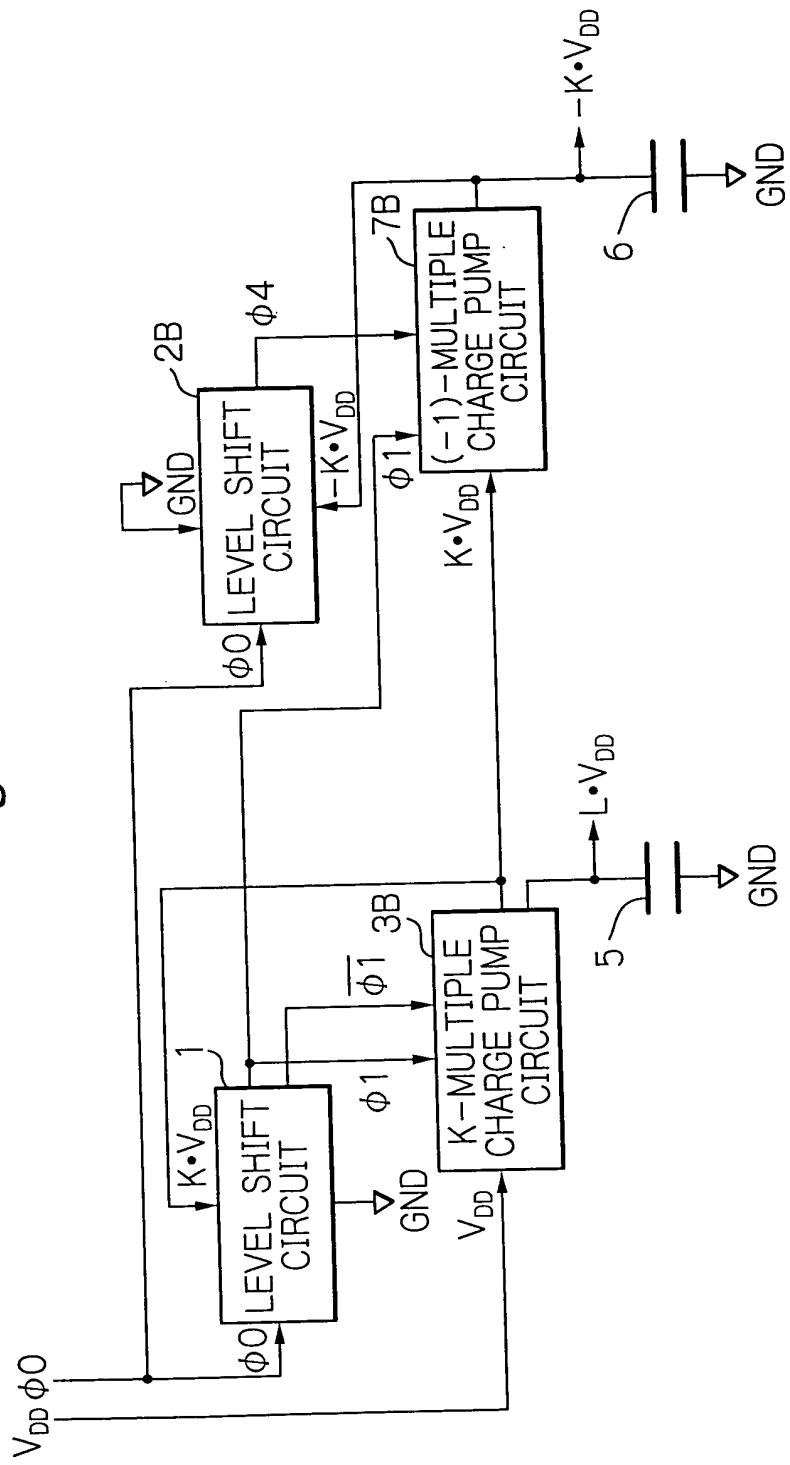


Fig. 23



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Fig. 24



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Fig. 25

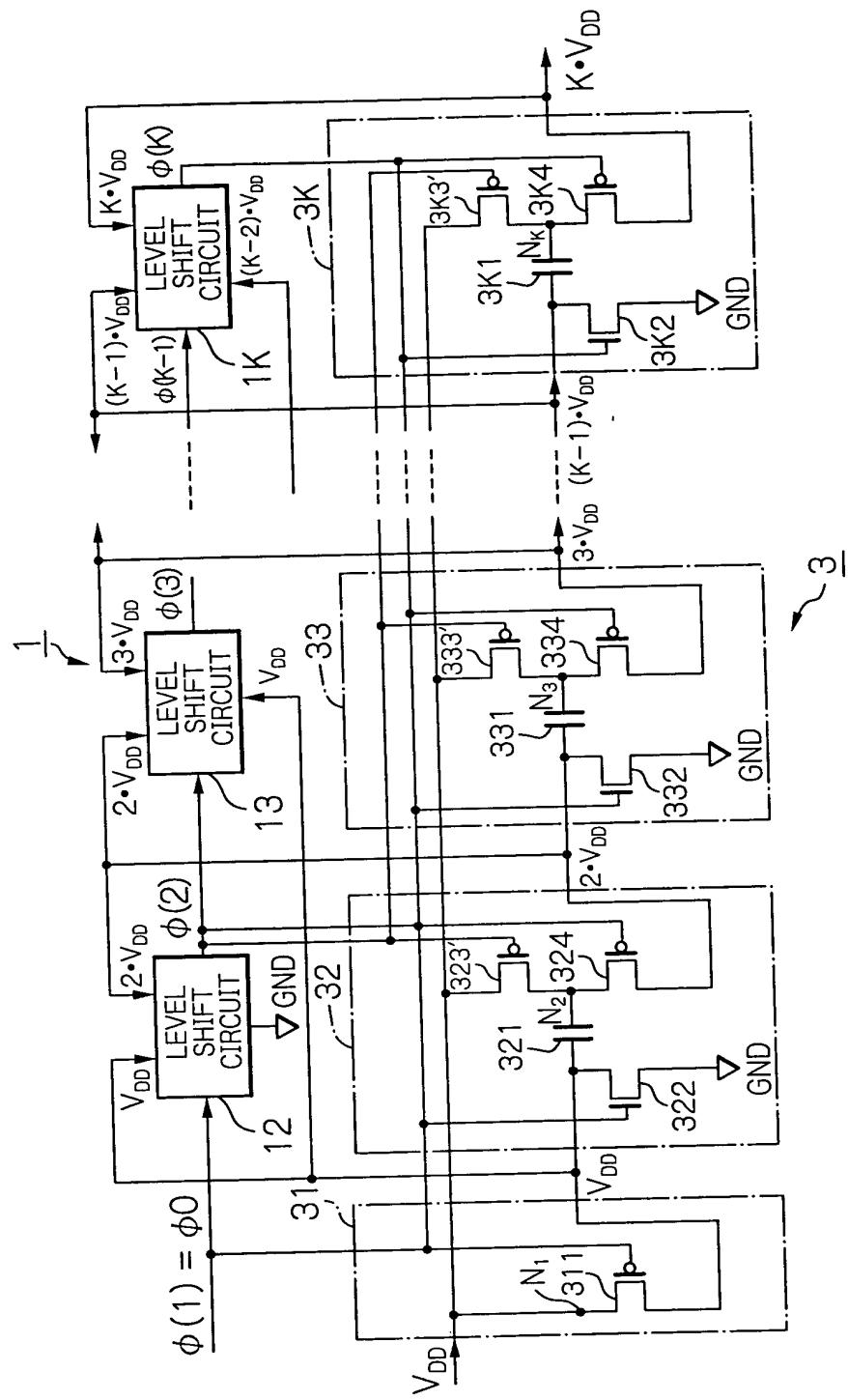


Fig. 26A

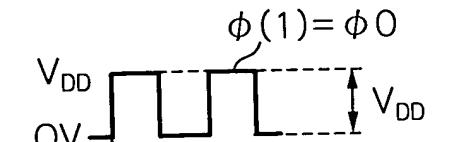


Fig. 26B

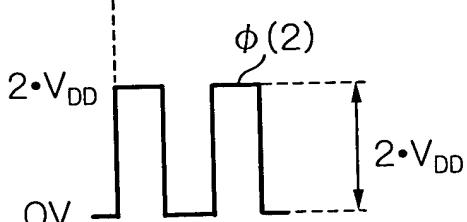


Fig. 26C

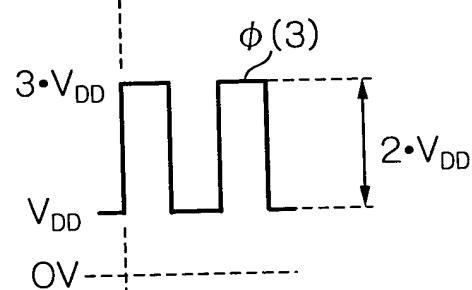


Fig. 26D

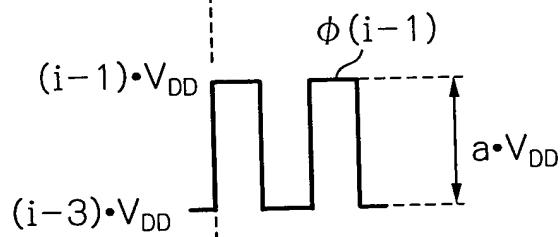


Fig. 26E

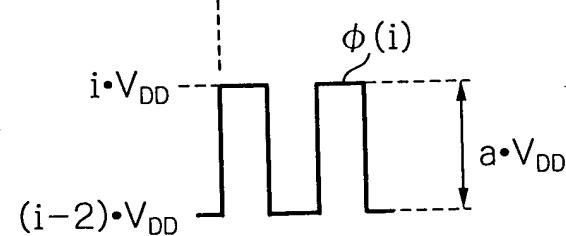


Fig. 27

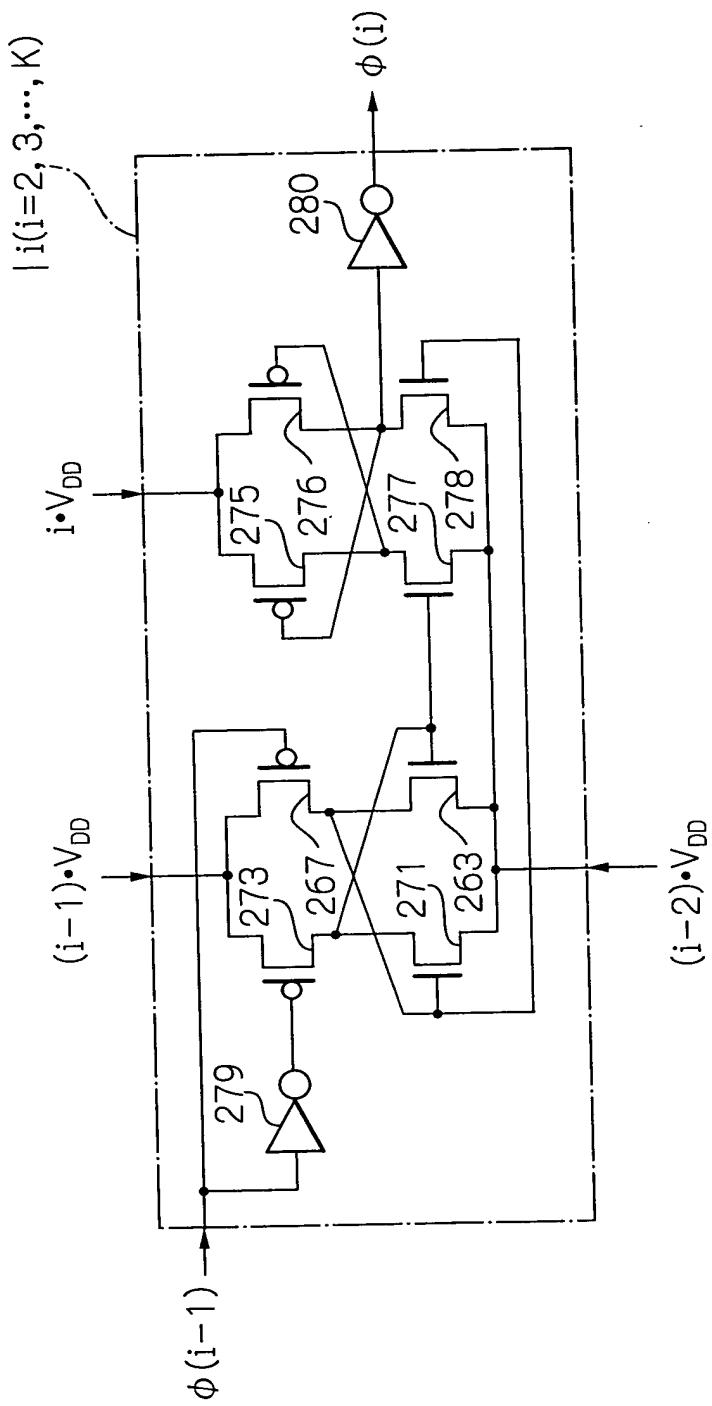
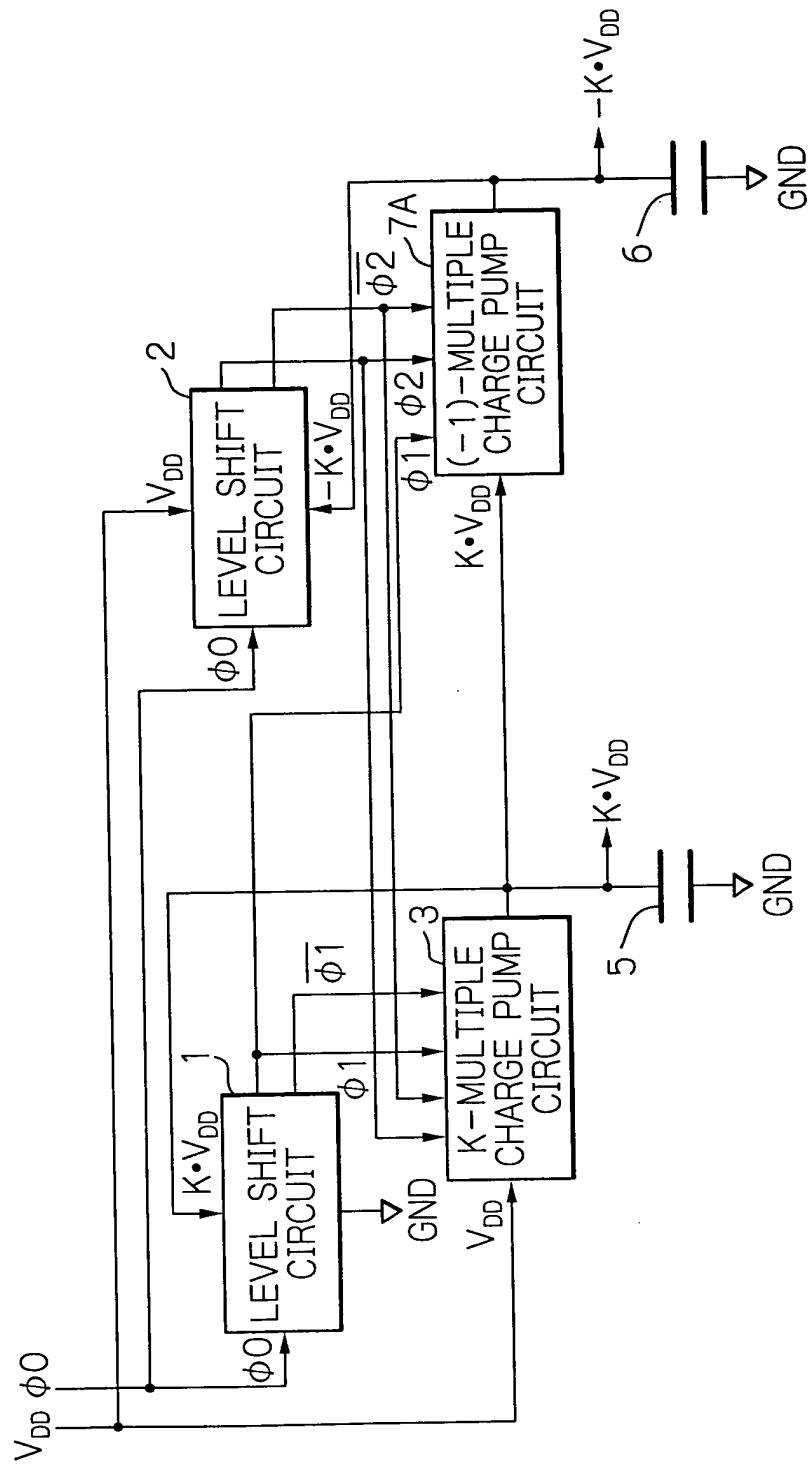


Fig. 28

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Fig. 29

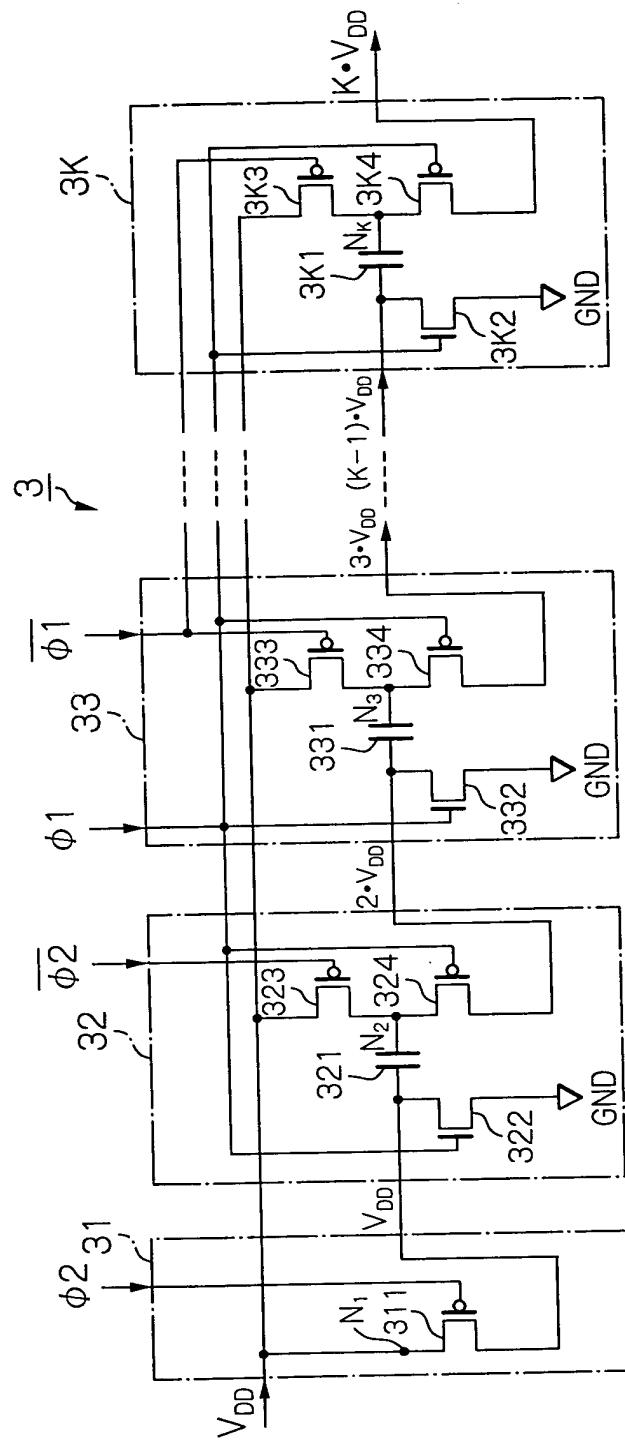


Fig. 30

TRANSISTOR	ON GATE VOLTAGE	OFF GATE VOLTAGE
311	$< K \cdot V_{DD} - V_{tp} $	$> V_{DD}$
322	$> V_{tn}$	$< 0V$
323	$< V_{DD} - V_{tp} $	$> V_{DD}$
324	$< 2 \cdot V_{DD} - V_{tp} $	$> 2 \cdot V_{DD}$

V_{tp} : THRESHOLD VOLTAGE OF P-CHANNEL MOS
($-V_{DD} < V_{tp} < 0V$)

V_{tn} : THRESHOLD VOLTAGE OF N-CHANNEL MOS
($0 < V_{tn} < V_{DD}$)

Fig. 31

